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Attorney Docket No. XOM-CON1

Applicants : Hans Thomann et al.
Application No. : 10/666,208
Filed : September 18, 2003
Group Art Unit : 2862 Confirmation No. 8301
For : METHOD FOR BOREHOLE MEASUREMENT OF
FORMATION PROPERTIES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

New York, New York 10020
April 15, 2004

EXPRESS MAIL CERTIFICATION

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Date of Deposit April 15, 2004

I hereby certify that this certification and the following papers and fees:

1. Information Disclosure Statement
(12 pp. - in duplicate);
2. Form PTO-1449 (8 pp. - in duplicate);
3. Copies of 125 cited references; and
4. Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Name:

Claire J. Saintil-van Goodman



Patents
XOM-CON1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97,
applicants hereby make the following patent documents of
record in the above-identified patent application:

U.S. PATENT DOCUMENTS

Weller, U.S. Patent No. 3,812,457
(May 21, 1974)
Bailey, U.S. Patent No. 4,003,017
(January 11, 1977)
Silverman, U.S. Patent No. 4,144,949
(March 20, 1979)
Klaveness, U.S. Patent No. 4,207,619
(June 10, 1980)
Katz, U.S. Patent No. 4,460,059
(July 17, 1984)
Staron et al., U.S. Patent No. 4,718,048
(January 5, 1988)
Rector, U.S. Patent No. 4,829,489
(May 9, 1989)
Widrow, U.S. Patent No. 4,849,945
(July 18, 1989)

Rector, U.S. Patent No. 4,862,423
(August 29, 1989)
Barr, Jr. et al. U.S. Patent No. 4,873,675
(October 10, 1989)
Rector, U.S. Patent No. 4,954,998
(September 4, 1990)
Ng et al., U.S. Patent No. 4,965,774
(October 23, 1990)
Katz, U.S. Patent No. 5,012,453
(April 30, 1991)
Scott et al., U.S. Patent No. 5,081,612
(January 14, 1992)
Sorrells, U.S. Patent No. 5,109,946
(May 5, 1992)
Rector, III, U.S. Patent No. 5,109,947
(May 5, 1992)
Weakley, U.S. Patent No. 5,128,866
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Kan et al., U.S. Patent No. 5,130,949
(July 14, 1992)
Hardage, U.S. Patent No. 5,144,589
(September 1, 1992)
Hardage, U.S. Patent No. 5,144,591
(September 1, 1992)
Rector et al., U.S. Patent No. 5,191,557
(March 2, 2003)
Bowers, U.S. Patent No. 5,200,929
(April 6, 1993)
Calvert, U.S. Patent No. 5,233,567
(August 3, 1993)
Kan et al., U.S. Patent No. 5,233,568
(August 03, 1993)
Naville et al., U.S. Patent No. 5,305,285
(April 19, 1994)
Kan et al., U.S. Patent No. 5,343,440
(August 30, 1994)
Naville et al., U.S. Patent No. 5,372,207
(December 13, 1994)
Klaveness, U.S. Patent No. 5,438,170
(August 1, 1995)
Angeleri et al., U.S. Patent No. 5,511,038
(April 23, 1996)
Carrazzone et al., U.S. Patent No. 5,583,825
(December 10, 1996)
Petersen et al., U.S. Patent No. 5,585,556
(December 17, 1996)
Schilling, U.S. Patent No. 5,615,115
(May 25, 1997)
Naville et al., U.S. Patent No. 5,758,539
(June 2, 1998)
Beresford et al., U.S. Patent No. 5,798,488
(August 25, 1998)

Fabret et al., U.S. Patent No. 5,844,132
(December 1, 1998)
Neff et al., U.S. Patent No. 5,835,883
(November 10, 1998)
Gill et al., U.S. Patent No. 5,936,913
(August 10, 1999)
Lindsay et al., U.S. Patent No. 5,937,362
(August 10, 1999)
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(January 23, 2001)
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(February 8, 2000)
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Tutuncu, A.N., Podio, A.L., Gregory, A.R., and Sharma, M.M., "Nonlinear Viscoelastic Behavior of Sedimentary Rocks, Part I: Effect of Frequency and Strain Amplitude", Geophysics, Vol. 63, No. 1, pp. 184-194, January-February 1998.

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Winkler, K.W., and Nur, A., "Seismic Attenuation: Effects of Pore Fluids and Frictional Sliding", Geophysics, Vol. 47, No. 1, pp. 1-15, January 1982.

Complete copies of all but one of the aforementioned patent documents and other publications, which are listed on the accompanying Form PTO-1449 (submitted in duplicate), are enclosed herewith.

Applicants respectfully note that Garotta, R. et al., "Defining Seismic Velocities and Density from P and S (or PS) Seismic Data", SEG/EAGE Summer Research Workshop, pp. 1884-1888, October 1-6, 2000 (hereinafter, "Garotta") is being cited by applicants because Garotta was considered by the Patent and Trademark Office during the examination of U.S. Patent Application No. 09/805,422 from which issued U.S. Patent No. 6,473,696, which is the subject of applicants' September 18, 2003 request for interference with the instant application. Garotta is not available in its entirety to the applicants at this time.

Applicants therefore enclose a copy of the portion of Garotta (viz., a first page that applicants presume is an abstract) in applicants' possession.

This Information Disclosure Statement is being mailed before the mailing of a first Office Action on the merits of this application. Accordingly, applicants believe that no fee is due in connection with this Statement. However, if any fee is due, the Director is hereby authorized to charge such fee to Deposit Account No. 06-1075. A duplicate copy of this paper is enclosed herewith.

It is respectfully requested that these patent documents and other publications be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicants request that a copy of the enclosed Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

An early and favorable action is respectfully requested.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANTS		ATTY. DOCKET NO. XOM-CON1	APPLICATION NO. 10/666,208
		APPLICANTS Hans Thomann, et al.	CONFIRMATION NO. 8301
		FILING DATE Sept. 18, 2003	GROUP 2862

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		3,812,457	05/21/74	Weller	340	15.5	
		4,003,017	01/11/77	Bailey	340	15.5	
		4,144,949	03/20/79	Silverman	181	106	
		4,207,619	06/10/80	Klaveness	367	36	
		4,460,059	07/17/84	Katz	181	102	
		4,718,048	01/05/88	Staron et al.	367	40	
		4,829,489	05/09/89	Rector	367	82	
		4,849,945	07/18/89	Widrow	367	30	
		4,862,423	08/29/89	Rector	367	25	
		4,873,675	10/10/89	Barr, Jr. et al.	367	57	
		4,954,998	09/04/90	Rector	367	82	
		4,965,774	10/23/90	Ng et al.	367	75	
		5,012,453	04/30/91	Katz	367	57	
		5,081,612	01/14/92	Scott et al.	367	38	
		5,109,946	05/05/92	Sorrells	181	106	
		5,109,947	05/05/92	Rector III	181	106	
		5,128,866	07/07/92	Weakley	364	421	
		5,130,949	07/14/92	Kan et al.	367	27	
		5,144,589	09/01/92	Hardage	367	25	
		5,144,591	09/01/92	Hardage	367	75	
		5,191,557	03/02/93	Rector et al.	367	41	
		5,200,929	04/06/93	Bowers	367	38	
		5,233,567	08/03/93	Calvert	367	27	
		5,233,568	08/03/93	Kan et al.	367	27	
		5,305,285	04/19/94	Naville et al.	367	49	
		5,343,440	08/30/94	Kan et al.	367	27	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicants.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. XOM-CON1	APPLICATION NO. 10/666,208
		INFORMATION DISCLOSURE STATEMENT BY APPLICANTS		APPLICANTS Hans Thomann, et al.	CONFIRMATION NO. 8301
				FILING DATE Sept. 18, 2003	GROUP 2862

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,372,207	12/13/94	Naville et al.	175	1	
		5,438,170	08/01/95	Klaveness	181	106	
		5,511,038	04/23/96	Angeleri et al.	367	40	
		5,583,825	12/10/96	Carrazzone et al.	367	31	
		5,585,556	12/17/96	Petersen et al.	73	152.03	
		5,615,115	05/25/97	Shilling	364	421	
		5,758,539	06/02/98	Naville et al.	73	152.03	
		5,798,488	08/25/98	Beresford et al.	181	102	
		5,844,132	12/01/98	Fabret et al.	73	152.45	
		5,835,883	11/10/98	Neff et al.	702	7	
		5,936,913	08/10/99	Gill et al.	367	25	
		5,937,362	08/10/99	Lindsay et al.	702	9	
		6,176,323	01/23/01	Weirich et al.	175	40	
		6,206,108	03/27/01	MacDonald et al.	175	24	
		6,023,444	02/08/00	Naville	367	82	
		6,262,941	07/17/01	Naville	367	82	

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